ABSTRACT OF THE DISCLOSURE

A system for managing computer resource usage quotas includes a distributed gateway service, a plurality of clients, an internal network, a distributed storage service a system management service, a configuration database, and a distributed metadata service. A method for

5   managing computer resource usage quotas applied to a plurality of users of data includes the steps of defining one or more resource classes, defining at least one usage policy for the resource classes, tracking quota usage for the usage quotas in accordance with the usage policy, and enforcing quota usage for the usage quotas, and storing the data in accord with the resource class definitions. Optionally, the quota usage may be aggregated.